

Education & Training in DoReMi, MELODI and OPERRA

Andrea Ottolenghi, Klaus Trott, Vere Smyth
University of Pavia, Italy

The 2 purposes of this presentation:

1. To inform (and entertain, delight, surprise . . .)
2. Strategic:
 1. How can we use what DoReMi, MELODI, and OPERRA offer to the advantage of E&T for low-dose research?
 2. How can the Forum interact with DoReMi, MELODI, and OPERRA for the benefit of E&T in the wider context of radiation protection?

DoReMi

- “Network of Excellence”: aims to overcome the fragmentation of European research by:
 - gathering the critical mass of resources and expertise needed to provide European leadership
 - also spreading excellence beyond the boundaries of its partnership.
- An NoE is *funded* (by the EC within FP7)
 - DoReMi has an entire workpackage for the development and support of E&T for low-dose research

DoReMi WP3 (E&T)

- Investigation and support of networking and integration of EU E&T
 - (This Forum is sponsored by DoReMi)
- Sponsoring courses which provide the E&T community with access to the expertise of the DoReMi partners (see poster)
- Develop a strategy and programme for future *sustainability* of E&T for low-dose research

MELODI

- A strategic alliance of institutions engaged in (or with a stake in) low-dose risk research
- Main function is to define research (and E&T) policy and make recommendations for funding
- **Has no funding capacity itself**
(but will be receiving EC funds via ongoing FP7 projects, such as OPERRA and CO-CHER)
- Functions by means of:
 - Workshops (eg MELODI 2013)
 - Working groups

MELODI WG on E&T (proposed)

- Up to 10 members from MELODI participating institutions
- Up to 2 external experts
- Responsible for producing a Strategic Agenda and Roadmap for E&T taking into account:
 - MELODI Strategic Research Agenda
 - DoReMi WP3
 - E&T programme of other Technology Platforms
 - E&T OPERRA-related activities

• *Watch this space!*

OPERRA

- “ Open Project for the European Radiation Research Area “ (started June 2013)
- Funded as both Coordination and Support Action (CSA) and Collaborative Project (CP)
- CSA: build up an umbrella coordination structure to administer future calls for research in radiation protection (RP)
- CP: issue next Euratom RP calls from within the administration of OPERRA
- MELODI will be leading the OPERRA WP3 dedicated to the organisation of competitive calls in RP

How will it work?

- *OPERRA will consider **all** existing SRAs that associations/platforms active in RP are producing (MELODI, Alliance, NERIS, EURADOS, etc.)*
- A call programme will be determined from SRAs by an independent committee
- The call competition and contracting will be administered within the OPERRA project (initially – a separate body will take over after OPERRA ends)
- **First call scheduled for end of 2013**

Where is E&T in OPERRA?

There is no dedicated E&T workpackage; E&T is included in the tasks

Task 2.1 – Identifying key partners involved in radiation protection research, **as well as education & training**, and joint programming of research activities in radiation protection: links between MELODI, ALLIANCE, NERIS, EUTERP, EURADOS & EURAMET (lead: SCK•CEN)

. . . Key partners for joint programming in research as well as education & training will be engaged.

Task 2.2 – Determining joint funding mechanisms for national & EU Fission R&D programmes

. . . Funding schemes which support a sustainable competence building in radiation protection for academic **and vocational education & training** will be surveyed.

Task 2.4 – Exploring how to enhance radiation protection research activities related to the medical uses of ionising radiation (lead: HMGU)

. . . strategies to optimise medical exposures will be developed by integrating knowledge from radiation protection and medical professionals and by identifying research, **education and training priorities** to improve radiation protection in medicine.

Task 4.1 - Reaching out to universities & professional partners (lead: JU)

Subtask 4.1.1: **Coordinating, integrating and further expanding existing education and training programmes in radiation protection** and on health risks and ecological effects after low-dose radiation exposure, in cooperation with Tasks 2.1, 2.2 and 2.4 (lead: UNIPV).

Task 4.5 – Reaching out to the other technical platforms within EURATOM, e.g. SNE-TP & IDGTP (lead: SCK•CEN)

. . . maximise synergy between the nuclear safety community and the radiation protection community, by adopting similar approaches when defining the future research and training priorities

The strategy for sustainable funding of E&T

- Euratom is looking to the radiation protection community to define the priorities
- The key to funding will be the SRA *which must include priorities and a road map for E&T*

Conclusions

- There **will** be opportunities to fund E&T initiatives (at least this is how it looks . . .)
- It is envisaged to dedicate a E&T budget within OPERRA calls
- E&T priorities will compete with research priorities for funding
- There appears to be an opportunity for **any** organisation involved in radiation protection to participate (eg diagnostic and therapeutic use of radiation . . .)
- **Early days – keep a close watch on developments!**